



10/12 Rec'd PCT/PTO 31 AUG 2007
PC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
SUGAHARA et al.) Art Unit 2815
Application Number: 10/522,241)
Filed: October 5, 2005)
For: A SPIN TRANSISTOR BASED ON THE SPIN-)
FILTER EFFECT AND A NONVOLATILE MEMORY)
USING SPIN TRANSISTORS)
ATTORNEY DOCKET No. HIRA.0178)

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

COVER LETTER

Sir:

[x] The fee for submission of claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS ALREADY PAID	RATE	CALCULATION
Total Claims	80	70	50 (Over 20)	x \$50	500.00
Independent Claims	11	10	18 (Over 3)	x \$200	0
MULTIPLE DEPENDENT CLAIM(S)				+\$360	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					x ½
09/05/2007 LLANDGRA 00000057 10522241 01 FC:1615	500.00 DP		TOTAL		0.00

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

[x] Response to Office Action
(with Claim Amendments)
[] Substitute Specification
[] Assignment
[x] Letter to Draftsperson
(with 6 Replacement Sheets)

[] Substitute Specification (clean and
marked-up version)
[] Statements & Pre-exam search report
with References
[] Information Disclosure Statement with
references

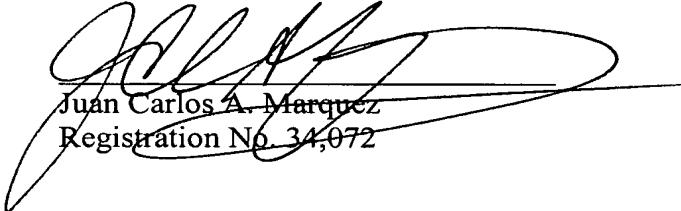
Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.

A check in the amount of **\$500.00** to cover the Excess Claims fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees associated with this communication, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher
Registration Number 24,344


Juan Carlos A. Marquez
Registration No. 34,072

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
August 31, 2007



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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Unit 2815

**Examiner
Valentine, Jami M.**

LETTER TO DRAFTSPERSON

Sir:

Pl Please replace Figs. 4(B), 7-15 and 16(B) currently on file with the substitute Figs. 4(B), 7-15 and 16(B) enclosed herewith. Kindly direct any inquiries in connection with this matter to the undersigned at the below-listed address and telephone number.

Respectfully submitted,

Stanley P. Fisher
Registration Number 24,344

Juan Carlos A. Marquez
Registration Number 34,072

REED SMITH LLP
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Suite 1400
Falls Church, Virginia 22042
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SPF/JCM/YOM